

OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

Edited by

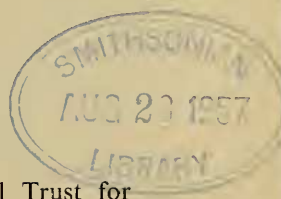
FRANCIS HEMMING, C.M.G., C.B.E.

Secretary to the Commission

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DIRECTION 63

Completion and in certain cases correction of entries relating to the names of genera belonging to the Class Insecta made in the *Official List of Generic Names in Zoology* in the period up to the end of 1936



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INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

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DIRECTION 63

COMPLETION AND IN CERTAIN CASES CORRECTION OF ENTRIES RELATING TO THE NAMES OF GENERA BELONGING TO THE CLASS INSECTA MADE IN THE "OFFICIAL LIST OF GENERIC NAMES IN ZOOLOGY" IN THE PERIOD UP TO THE END OF 1936

RULING :—(1) It is hereby directed that there be added to the entry on the *Official List of Works Approved as Available for Zoological Nomenclature* relating to Westwood's *Introduction to a modern Classification of Insects* and the accompanying *Synopsis of the Genera of British Insects*, made by the Ruling given in *Direction 32*, the under-mentioned particulars as to the instalments in which the several portions of the *Introduction* and *Synopsis* were published and the dates on which such instalment was published :—

Dates of publication of J. O. Westwood's "Introduction to a modern Classification of Insects" and of the "Synopsis of the Genera of British Insects" published therewith

Part No.	"Introduction"	"Synopsis"	<i>Date of Publication (date on cover)</i>
1	1 : 1—48	: 1—16	[May 1838]
2	1 : 49—112		[June 1838]
3	1 : 113—160	: 17—32	[July 1838]
4	1 : 161—224		[Aug. 1838]
5	1 : 225—288		[Sept. 1838]
6	1 : 289—352		[Oct. 1838]
7	1 : 353—400	: 33—48	[Nov. 1838]
8	1 : 401—462		[Dec. 1838]
9	2 : 1—128		[Jan. 1839]
10	2 : 129—192		[Feb. 1839]
11	2 : 193—224		[March 1839]
12	2 : 225—256		[April 1839]
13	2 : 257—288	: 49—80	[June 1839]
14	2 : 289—352		[Nov. 1839]
15	2 : 353—400	: 81—96	[Jan. 1840]
16	2 : 401—587	: 97—154	[June 1840]

(2) In the light of the Ruling given in (1) above and of the fact that Westwood's selection of *Blatta lapponica* Linnaeus, 1758, to be the type species of the genus *Ectobius* Stephens, 1835 (Class Insecta, Order Orthoptera) was made on page 44 of the *Synopsis of the Genera of British Insects*, it is hereby directed that in the entry relating to the above generic name made on the *Official List of Generic Names in Zoology* (hereinafter referred to as the "Official List") by the Ruling given in *Opinion* 104, the date "[November 1838]" be substituted for the date "1840" as that on which Westwood's selection of the above species to be the type species of the genus *Ectobius* Stephens was published.

(3) It is hereby directed that the entry on the *Official List* relating to the generic name *Periplaneta* Burmeister, 1838 (Class Insecta, Order Orthoptera) made by the Ruling given in *Opinion* 104 the notation "type species, by selection by Kirby (W.F.) (1890)" be substituted for the incorrect notation "t[type by] s[subsequent] d[esignation] (1903)".

(4) It is hereby directed that in the entry on the *Official List* relating to the generic name *Forficula* Linnaeus, 1758 (Class Insecta, Order Dermaptera) made by the Ruling given in *Opinion* 104 the incorrect notation "t[type by] a[bsolute] t[autonymy] 1758" be deleted and that in its place there be inserted the revised notation "type species, by selection by Latreille, 1810)."

(5) The portion of the entry relating to the generic name *Pediculus* Linnaeus, 1758 (Class Insecta, Order Anoplura), in which it was stated that the nominal species *Pediculus humanus* Linnaeus, 1758; the type species of the above genus, was later restricted to the form *capitis*, made on the *Official List* by the Ruling given in *Opinion* 104 is hereby deleted and the following revised entry is hereby inserted in its place: "*Pediculus humanus* Linnaeus, 1758, as restricted to the form referred to by Linnaeus as living "in vestamentis humanis" (i.e. the form commonly

known as *corporis*) by Latreille as First Reviser in [1803—1804] (*Hist. nat. gén. partic. Crust. Ins.* 8 : 93—94).

(6) The portion of the entry relating to the method by which the type species of the genus *Reduvius* Fabricius, 1775 (Class Insecta, Order Hemiptera) was determined under Article 30 of the *Règles* where it was incorrectly stated that the nominal species *Reduvius fuscipes* Fabricius, 1787, was selected as the type species of the above genus by some unspecified author in 1803, made by the Ruling given in *Opinion* 104 is hereby deleted from the *Official List* and the ensuing statement that *Cimex personatus* Linnaeus, 1758, was selected as the type species by Latreille (1810 : 433, 256) is hereby confirmed.

(7) It is hereby directed that in respect of each of the generic names specified in the following list, in which has been incorporated the relevant Rulings given in (2) to (6) above, the particulars shown in Column (2) as to the method by which the type species of the genus concerned was determined under Article 30 of the *Règles* be inserted in the *Official List* in the entries severally concerned :—

Name of Genus

Entry relating to the determination of the type species of genus specified in Col. (1) to be inserted in the "Official List of Generic Names in Zoology"

(1)

(2)

Lepisma Linnaeus, 1758 by subsequent selection by Latreille, 1810 *Consid. gén. Anim. Crust. Arach. Ins.* : 423, 113

Blatta Linnaeus, 1758 by subsequent selection by Latreille, 1810, *Consid. gén. Anim. Crust. Arach. Ins.* : 433, 246

<i>Name of Genus</i>	<i>Entry relating to the determination of the type species of genus specified in Col. (1) to be inserted in the "Official List of Generic Names in Zoology"</i>
(1)	(2)
<i>Ectobius</i> Stephens, 1835	by subsequent selection by West- wood, [1838], <i>Introd. mod. Class. Ins.</i> 2, Syn. gen. Brit. Ins. : 44
<i>Gryllus</i> Linnaeus, 1758	by subsequent selection by Latreille, 1810, <i>Consid. gén. Anim. Crust. Arach. Ins.</i> : 433, 248
<i>Periplaneta</i> Burmeister, 1833	by subsequent selection by Kirby (W.F.), 1890, <i>Proc. roy. Soc. Dublin</i> (n.s.) 6 : 562
<i>Pulex</i> Linnaeus, 1758	by subsequent selection by Latreille, 1810, <i>Consid. gén. Anim. Crust. Arach. Ins.</i> : 444, 409
<i>Pediculus</i> Linnaeus, 1758	by subsequent selection by Latreille, 1810, <i>Consid. gén. Anim. Crust. Arach. Ins.</i> : 423, 114
<i>Forficula</i> Linnaeus, 1758	by subsequent selection by Latreille, 1810, <i>Consid. gén. Anim. Crust. Arach. Ins.</i> : 433, 246
<i>Anthocoris</i> Fallén, 1814	by subsequent selection by West- wood, 1840, <i>Introd. mod. Class. Ins.</i> 2, Syn. Gen. Brit. Ins. : 122
<i>Nabis</i> Latreille, [1802—1803]	by subsequent selection by West- wood, 1840, <i>Introd. mod. Class. Ins.</i> 2, Syn. Gen. Brit. Ins. : 120

<i>Name of Genus</i>	<i>Entry relating to the determination of the type species of genus specified in Col. (1) to be inserted in the "Official List of Generic Names in Zoology"</i>
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(1)

(2)

<i>Notonecta</i> Linnaeus, 1758	by subsequent selection by Latreille, 1810, <i>Consid. gén. Anim. Crust. Arach. Ins.</i> : 434, 261
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<i>Reduvius</i> Fabricius, 1775	by subsequent selection by Latreille, 1810, <i>Consid. gén. Anim. Crust. Arach. Ins.</i> : 433, 256
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(8) It is hereby directed that the date "[1802—1803]" be substituted for the date "1802" as the date of publication of the generic name *Nabis* Latreille (Class Insecta, Order Hemiptera) in the entry relating to that name made on the *Official List* by the Ruling given in *Opinion* 104.

(9) It is hereby directed that the date "[1804—1805]" be substituted for the date "1805" as the date of publication of the binomen *Nycteribia pedicularia* Latreille, the name of the type species of *Nycteribia* Latreille, 1796 (Class Insecta, Order Diptera), in the entry made on the *Official List* relating to the above generic name by the Ruling given in *Opinion* 128.

(10) The title of the work by Laporte (F.L.de) entitled *Essai d'une Classification systématique de l'Ordre des Hémiptères (Heteroptères)* is hereby placed on the *Official List of Works Approved as Available for Zoological Nomenclature* with the Title Number 28, subject to the endorsement (a) that the first sheet, comprising pages 1—16, is to be treated as having been published in [1832] and (b) that, in the absence of any further Ruling made in the light of additional information later received, the remaining portion of this work is to be treated as having been published in [1833].

(11) In the light of (10) above the date "1832" assigned to the generic name *Triatoma* Laporte (Class Insecta, Order Hemiptera) in the entry on the *Official List* made by the Ruling given in *Opinion* 104 is hereby confirmed, subject to the qualification that this date be cited in square brackets.

(12) The statement that the type species of the genus *Cephenemyia* Latreille, 1818 (Class Insecta, Order Diptera) is "*trompe* Fab.", i.e. *Oestrus trompe* as interpreted by Fabricius in 1794, included in the entry relating to the above generic name made on the *Official List* by the Ruling given in *Opinion* 106 is hereby deleted from that entry and it is hereby directed that in its place there be inserted a statement that the type species of this genus is the nominal species *Oestrus trompe* Modeer, 1786.

(13) It is further directed that the subjective synonymisation of the name *Oestrus nasalis* Linnaeus, 1758, with the name *Oestrus trompe* Modeer, 1786, the name of the type species of the genus *Cephenemyia* Latreille, be deleted from the entry relating to the name *Cephenemyia* Latreille made on the *Official List* by the Ruling given in *Opinion* 106.

(14) It is hereby directed that the subjective synonymisation of the name *Oestrus intestinalis* De Geer, 1776, with the name *Oestrus equi* Clark, 1796, the name of the type species of the genus *Gasterophilus* Leach, 1817 (Class Insecta, Order Diptera), be deleted from the entry relating to the generic name *Gasterophilus* Leach made on the *Official List* by the Ruling given in *Opinion* 106.

(15) It is hereby directed that the entry relating to the generic name *Anthocoris*, made on the *Official List* by the Ruling given in *Opinion* 104, be amended:—

(a) by the deletion therefrom of all references to the nominal species *Cimex sylvestris* Linnaeus, 1758 ;

(b) by the attribution of this generic name to Fallén and not to his pupil Rodhe.

(16) The under-mentioned generic names are hereby placed on the *Official List of Generic Names in Zoology* with the Name Numbers severally specified below :—

(a) *Ligyrocoris* Stål, 1872 (gender : masculine) (type species, by monotypy : *Cimex sylvestris* Linnaeus, 1758) (Class Insecta, Order Hemiptera) (Name No. 1185) ;

(b) *Prostemma* Laporte (F.L.de), [1832] (gender : neuter) (type species, by monotypy : *Reduvius guttula* Fabricius, 1787) (Class Insecta, Order Hemiptera) (Name No. 1186) ;

(c) *Sastragala* Amyot & Serville, 1843 (gender : feminine) (type species, by monotypy : *Cimex uniguttatus* Donovan, (1804)) (Class Insecta, Order Hemiptera) (Name No. 1187) ;

(d) *Elasmucha* Stål, 1864 (gender : feminine) (type species, by monotypy : *Cimex ferrugatus* Fabricius, 1787) (Class Insecta, Order Hemiptera) (Name No. 1188)

(17) The under-mentioned specific names are hereby placed on the *Official List of Specific Names in Zoology* with the Name Numbers severally specified below :—

(a) *nasalis* Linnaeus, 1758, as published in the combination *Oestrus nasalis* (Name No. 1265) ;

(b) *haemorrhoidalis* De Geer, 1776, as published in the combination *Oestrus haemorrhoidalis* (Name No. 1266) ;

- (c) *sylvestris* Linnaeus, 1758, as published in the combination *Cimex sylvestris* (specific name of type species of *Ligyrocoris* Stål, 1872) (Name No. 1267) ;
- (d) *guttula* Fabricius, 1787, as published in the combination *Reduvius guttula* (specific name of type species of *Prostemma* Laporte, [1832]) (Name No. 1268) ;
- (e) *uniguttatus* Donovan, (1804), as published in the combination *Cimex uniguttatus* (specific name of type species of *Sastragala* Amyot & Serville, 1843) (Name No. 1269) ;
- (f) *ferrugatus* Fabricius, 1787, as published in the combination *Cimex ferrugatus* (specific name of type species of *Elasmucha* Stål, 1864) (Name No. 1270).

(18) The under-mentioned generic names are hereby placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* with the Name Numbers severally specified below :—

- (i) *Acanthia* Fabricius, 1775 (a junior objective synonym of *Cimex* Linnaeus, 1758) (Name No. 904) ;
- (ii) *Cephalemyia* Latreille, 1818 (a junior objective synonym of *Oestrus* Linnaeus, 1758) (Name No. 905) ;
- (iii) *Cephalemya* Rondani, 1856 (an Erroneous Subsequent Spelling for *Cephalemyia* Latreille, 1818) (Name No. 906) ;
- (iv) *Cephalomyia* Agassiz (J.L.R.), 1846 (an Invalid Emendation of *Cephalemyia* Latreille, 1818) (Name No. 907) ;

- (v) *Cephenemya* Robineau-Desvoidy, 1830 (an Erroneous Subsequent Spelling for *Cephenemyia* Latreille, 1818) (Name No. 908) ;
- (vi) *Cephenomyia* Agassiz (J.L.R.), 1846 (an Invalid Emendation of *Cephenemyia* Latreille, 1818) (Name No. 909) ;
- (vii) *Clinocoris* Fallén, 1829 (a junior objective synonym of *Cimex* Linnaeus, 1758) (Name No. 910) ;
- (viii) *Clinocoris* Hahn, 1834 (a junior homonym of *Clinocoris* Fallén, 1829) (Name No. 911) ;
- (ix) *Clinophilus* Blanford, 1903 (an Invalid Emendation of *Klinophilos* Kirkaldy, 1899) (Name No. 912) ;
- (x) *Conochinus* Dohrn, 1859 (an Erroneous Subsequent Spelling for *Conorhinus* Laporte, [1833]) (Name No. 913) ;
- (xi) *Conorchinus* Spinola, 1852 (an Erroneous Subsequent Spelling for *Conorhinus* Laporte, [1833]) (Name No. 914) ;
- (xii) *Conorhinus* Laporte, [1833] (a junior objective synonym of *Triatoma* Laporte, [1832]) (Name No. 915) ;
- (xiii) *Conorrhinus* Jeannel, 1919 (an Erroneous Subsequent Spelling for *Conorhinus* Laporte, [1833]) (Name No. 916) ;
- (xiv) *Gastrophilus* Agassiz (J.L.R.), 1846 (an Invalid Emendation of *Gasterophilus* Leach, 1817) (Name No. 917) ;

- (xv) *Hylophila* Kirby & Spence, 1828 (a junior objective synonym of *Anthocoris* Fallén, 1814) (Name No. 918) ;
- (xvi) *Ryparocoris* Schummel, [1827] (a junior objective synonym of *Reduvius* Fabricius, 1775) (Name No. 919) ;
- (xvii) *Hypoderma* Geoffroy St. Hilaire (I.), 1828 (a junior homonym of *Hypoderma* Latreille, 1818) (Name No. 920) ;
- (xviii) *Klinophilos* Kirkaldy, 1899 (a junior objective synonym of *Cimex* Linnaeus, 1758) (Name No. 921) ;
- (xix) *Lepisina* Radermacher, 1779 (an Erroneous Subsequent Spelling for *Lepisma* Linnaeus, 1758) (Name No. 922) ;
- (xx) *Metastemma* Amyot & Serville, 1843 (an Invalid Emendation of *Prostemma* Laporte, [1832]) (Name No. 923) ;
- (xxi) *Notonecia* Fabricius, 1798 (an Erroneous Subsequent Spelling for *Notonecta* Linnaeus, 1758) (Name No. 924) ;
- (xxii) *Oedemagenus* Berthold, 1827 (an Invalid Emendation of *Oedemagena* Latreille, 1818) (Name No. 925) ;
- (xxiii) *Phthirus* Burmeister, 1835 (an Invalid Emendation of *Pthirus* [Leach], [1815]) (Name No. 926) ;
- (xxiv) *Phthirus* Leach, 1817 (an Invalid Emendation of *Pthirus* [Leach], [1815]) (Name No. 927) ;
- (xxv) *Phyllocoris* Costa, 1847 (a junior objective synonym of *Anthocoris* Fallén, 1814) (Name No. 928) ;

(xxvi) *Postemma* Dufour, 1834 (an Invalid Emendation of *Prostemma* Laporte, [1832]) (Name No. 929) ;

(xxvii) *Prostremma* Kiritschenko, [1909] (an Erroneous Subsequent Spelling for *Prostemma* Laporte, [1832]) (Name No. 930).

(19) The under-mentioned specific names are hereby placed on the *Official Index of Rejected and Invalid Specific Names in Zoology* with the Name Numbers severally specified below :

(a) *equi* Clark, 1797, as published in the combination *Oestrus equi* (a junior primary homonym of *equi* Fabricius, 1787, as published in the combination *Oestrus equi*) (Name No. 390) ;

(b) *equi* Fabricius, 1787, as published in the combination *Oestrus equi*, as defined by the lectotype selected by Hemming in paragraph 17 in the application submitted in the present case¹ (a junior objective synonym of *nasalis* Linnaeus, 1758, as published in the combination *Oestrus nasalis*) (Name No. 391) ;

(c) *erythrozonias* Gmelin, [1790], as published in the combination *Cimex erythrozonias* (a junior objective synonym of *rubrofasciatus* De Geer, 1773, as published in the combination *Cimex rubrofasciatus*) (Name No. 392) ;

(d) *ferrugator* Fabricius, 1794, as published in the combination *Cimex ferrugator* (an Invalid Emendation of *ferrugatus* Fabricius, 1787, as published in the combination *Cimex ferrugatus*) (Name No. 393) ;

(e) *inguinalis* [Leach], [1815], as published in the combination *Pthirus inguinalis* (a junior objective

¹ See page 42 of the present *Direction*.

synonym of *pubis* Linnaeus, 1758, as published in the combination *Pediculus pubis*) (Name No. 394) ;

- (f) *rufofasciata* Van Duzee, 1917, as published in the combination *Triatoma rufofasciata* (an Erroneous Subsequent Spelling for *rubrofasciatus* De Geer, 1773, as published in the combination *Cimex rubrofasciatus*) (Name No. 395).

I. THE SUBJECT MATTER OF THE PRESENT “ DIRECTION ”

The present *Direction* embodies decisions taken by the International Commission on Zoological Nomenclature for the purpose of completing and, where necessary, correcting, the entries in regard to the names of genera of the Class Insecta made on the *Official List of Generic Names in Zoology* in the period up to the end of 1936, this action being a necessary preliminary to the publication of the *Official List* in book form. The proposals upon which the decisions taken in the present case were based were submitted to the International Commission by the Secretary on 31st May 1956 in the following paper :—

Proposed completion and correction of certain entries relating to the names of genera belonging to the Class Insecta made on the “ Official List of Generic Names in Zoology ” in the period up to the end of 1936

By FRANCIS HEMMING, C.M.G., C.B.E.

(*Secretary to the International Commission on Zoological Nomenclature*)

The present paper contains particulars of various minor errors and omissions in entries relating to the names of genera of insects made on the *Official List of Generic Names in Zoology* in the period up to the end of 1936. Proposals are submitted for rectifying these defects.

2. The problems discussed in the present paper came to light in the course of work in the Office of the Commission in connection with the forthcoming publication of the *Official List* in book-form. In the subsequent investigations most valuable help has been received from a number of specialists, to whom the grateful thanks of the Commission are due. The specialists who have assisted in this way, together with particulars (a) of their present appointments or of the appointments which they held at the time when consultations took place and (b) of the Orders of insects, on the names of genera of which assistance has been afforded, are the following :—

W. E. China (*British Museum (Natural History), London*) (Hemiptera)

Tadeusz Jaczewski (*Polish Academy of Sciences, Institute of Zoology, Warsaw*) (Hemiptera)

Karl Jordan (*British Museum (Natural History), The Zoological Museum, Tring, Herts.*) (Diptera)

Frederick Laing (*British Museum (Natural History), London*) (Anoplura)

N. D. Riley (*British Museum (Natural History), London*) (Anoplura ; Dermaptera ; Orthoptera)

John Smart (*Department of Zoology, Cambridge University, Cambridge*) (Diptera)

B. P. Uvarov (*Director, Anti-Locust Research Centre, London*) (Dermaptera ; Orthoptera).

3. In the case of the names of genera of the Order Hemiptera particular reference must be made to an exceptionally important document received from Professor Jaczewski in October 1955 which contained a full review of all relevant particulars regarding the names concerned and which in addition contained in certain cases supplementary proposals on cognate matters. The information so furnished has been freely drawn upon in preparing the present paper, in so far as that information related to matters falling within the scope of the proposals now submitted.

4. The questions dealt with in the present paper fall into various well defined groups, such as : (i) the determination of the method by which type species were provided for genera ; (ii) the correction of erroneous dates assigned to names when placed on the *Official List* ; (iii) the elucidation of problems of subjective synonymy involved in additional references cited in the case of certain entries on the *Official List* and (iv) the addition of objectively invalid names to the *Official Indexes*. These matters are dealt with in turn in the following paragraphs.

(1) Proposed insertion in the "Official List" of particulars as to how the type species of certain genera were determined under Article 30 of the "Règles"

5. In the case of twelve out of the twenty-three generic names of insects placed on the *Official List* in the period up to the end of 1936, the entries then made on that *List* regarding the manner in which the type species of the genera concerned were determined under Article 30 of the *Règles* were either incomplete or incorrect. Amended particulars in regard to each of these generic names are given in Annexe 1 to the present paper. Notes are given in the following paragraphs regarding those names where the correction, as well as the completion of entries on the *Official List* is involved. All the errors concerned are in respect of entries on the *Official List* made by the Ruling given in *Opinion* 104.

6. "Ectobius" Stephens, 1835 : In *Opinion* 104 the method by which *Blatta lapponica* Linnaeus, 1758, became the type species of *Ectobius* Stephens was indicated by the formula "tsd. (1840)", i.e. the above species was selected as the type species by some unspecified author in 1840. The reference intended is no doubt to Westwood's *Synopsis of the Genera of British Insects* which though separately paged, was published as a part of (i.e. as a supplement to) that author's *Introduction to a modern Classification of Insects*, for on page 44 of the *Synopsis* the above species was selected as the type species of the genus *Ectobius*. There has been a considerable amount of misunderstanding regarding the date of publication of the *Synopsis*, which is commonly treated as having been published in 1840, the year in which was completed the publication of Volume 2 of the *Introduction* of which it is commonly treated as forming a part. Griffin has shown (1932, *Proc. ent. Soc. Lond.* 6 (3) : 83—84), however, (a) that the *Synopsis* was issued in instalments with parts of the *Introduction*, (b) that the first instalment of the *Synopsis* was published in May 1838 with the first Part of Volume 1 of the *Introduction*, and (c) that the last instalment of the *Synopsis* was published in June 1840 with the last Part (Part XVI) of Volume 2 of the *Introduction*. The evidence collected by Griffin shows that the contents of the Sheets composing the *Synopsis* and their dates of publication were as follows :—Sheet B (: 1—16), May 1838 ; Sheet C (: 17—32), July 1838 ; Sheet D (: 33—48), November 1838 ; Sheets E and F (: 49—80), June 1839 ; Sheet G (: 81—96), January 1840 ; Sheets H to L (: 97—154), June 1840. It will be seen from the above particulars that Westwood's type selection for *Ectobius* Stephens was published in [1838]. The entry on the *Official List of Generic Names in Zoology* should be emended accordingly. The titles of Westwood's *Introduction* and accompanying *Synopsis* have been placed on the *Official List of Works Approved as Available for Zoological Nomenclature* as Title No. 22 by the Ruling given in *Direction* 32. The entry so made should be supplemented

by the addition of the foregoing particulars as to the dates of publication of the instalments in which the *Synopsis* was published. The opportunity should be taken also for inserting in the *Official List* the particulars ascertained by Griffin as to the dates of publication of the Parts in which the *Introduction* itself was published. These particulars are as follows: Volume 1 (Parts I—VIII), 1838: Part I (: 1—48), May 1838; Part II (: 49—112), June 1838; Part III (: 113—160), July 1838; Part IV (: 161—224), August 1838; Part V (: 225—288), September 1838; Part VI (: 289—352), October 1838; Part VII (: 353—400), November 1838; Part VIII (: 401—462), December 1838. Volume 2 (Parts IX—XVI), 1839—1840; Part IX (: 1—128), January 1839; Part X (: 129—192), February 1839; Part XI (: 193—224), March 1839; Part XII (: 225—256), April 1839; Part XIII (: 257—288), June 1839; Part XIV (: 289—352), November 1839; Part XV (: 353—400), January 1840; Part XVI (: 401—587), June 1840.

7. “*Periplaneta*” **Burmeister, 1838**: In this case it was stated in *Opinion* 104 that the type species was selected under Rule (g) in Article 30 by some author in 1903. It has been impossible to trace any type selection for this genus in the above year, but this is of no consequence since an older type selection—made in 1890—has been found in the literature namely a selection by Kirby (W.F.) (*Proc. Roy. Soc. Dublin* (n.s.) 6 : 562).

8. “*Forficula*” **Linnaeus, 1758**: A twofold indication as to how the type species of this genus was determined was given in *Opinion* 104, namely (i) “tat” [type species, by absolute tautonymy] and (ii) “tsd. (1810)” [type species, by subsequent selection in 1810]. The first of these indications is incorrect, for Linnaeus in 1758 neither placed in this genus a species having the specific name “*forficula*” nor cited in the synonymy of any of the included species a pre-1758 univocal specific name consisting of the word “*forficula*”. The second of the indications cited in *Opinion* 104, which would have been unnecessary and incorrect if the type species of this genus had in fact been determined by absolute tautonymy under Rule (d) in Article 30, is in the circumstances correct, for it represents the manner in which the type species was actually determined. The date “1810” cited is correct, the type selection for this genus having been made in that year by Latreille in the *Consid. gén.* (: 433, 246).

9. “*Pediculus*” **Linnaeus, 1758**: Linnaeus placed thirty-nine species in this genus, the first being *Pediculus humanus* (: 610). Of this species Linnaeus wrote “*Habitat in capite & vestimentis humanis*”. In 1767 (*Syst. Nat.* (ed. 12) 1(2) : 1016) Linnaeus recognised that his *Pediculus humanus* of 1758 comprised two different forms but, although he gave brief descriptions of each, he did not give

a new name to either. In 1783 De Geer (*Abhandl. Gesch. Insekt.* : 30) introduced the trinomial designations *Pediculus humanus capitis* and *Pediculus humanus corporis* to denote these taxa. These terms have been correctly rejected as names in taxonomy, though they form a convenient method by which to refer colloquially to the two forms and are commonly so used in medical literature. The first binominal zoologist to distinguish these forms by giving a name to one, while restricting, as a First Reviser, the name *humanus* Linnaeus to the other, was Latreille ([1803—1804], *Hist. nat. gén. partic. Crust. Ins.* 8 : 93—94) who gave the new name *Pediculus cervicalis* (: 94) to the head louse, restricting *humanus* Linnaeus to the body louse. When we turn to *Opinion* 104, we find that, it is there correctly stated that the type species of the genus *Pediculus* was selected under Rule (g) in Article 30 by some author in 1810 (the formula used being “tsd. 1810”), i.e. by Latreille in the *Consid. gén.* (: 423, 114). We find also, however, that the author of the *Opinion* appears to have considered that the name *humanus* Linnaeus was correctly applicable to the head louse, the words used being “tsd. (1810) *humanus*, restricted later to syn. of tsd. (1915 ; 1916) *capitis*”. As shown above, this was incorrect and it will be necessary now to amend the entry on the *Official List* relating to the type species of *Pediculus* Linnaeus to make it clear that that species (*Pediculus humanus*) is to be interpreted in accordance with the restriction made by Latreille [1803—1804] as First Reviser. Although it is necessary that the entry in *Opinion* 104 should be corrected, the point is not of great practical significance as the head louse and the body louse are today commonly treated as no more than forms of a single species.

10. “Reduvius” Fabricius, 1775 : The type species of this genus is *Cimex personatus* Linnaeus, 1758, as was correctly stated in *Opinion* 104. This species became the type species by selection by Latreille in 1810 in the *Consid. gén.* (: 433, 256). This was briefly indicated in the above *Opinion* by the use of the formula (“tsd. 1810 . . .”, to which, however, three later dates were added quite unnecessarily. The point which calls for attention is the following further note added in the above *Opinion* : “tsd. by error (1803) *fuscipes*”. The species here referred to is *Reduvius fuscipes* Fabricius, 1787 (*Mantissa Ins.* 2 : 312), but, as will be obvious, that nominal species could not in any circumstances be the type species, since it was not established until twelve years after the first publication of the generic name *Reduvius*. The erroneous idea that this species was the type species of *Reduvius* is no doubt attributable, as Commissioner Jaczewski has suggested (in his communication of 12th October 1955, to which reference has been made in paragraph 3 above), to the fact that formerly the view was held by specialists that Fabricius should be regarded as having selected type species for genera in the work *Systema Rhyngotorum* of 1803 by repeating the generic diagnosis for one of the species then included in the genus concerned. All that is needed in the present context is to

delete from the *Official List* all reference to the reputed but non-existent selection of *Reduvius fuscipes* Fabricius as the type species of this genus.²

(2) Proposed correction of erroneous dates assigned to two names in the Class Insecta

11. "Nabis" Latreille: In *Opinion* 104 the date "1802" is attributed to this name. This is incorrect. The name *Nabis* was published in volume 3 of the *Hist. nat. gén. partic. Crust. Ins.*, the title page of which bears the date "An X" of the French Revolutionary Calendar. If this volume had in fact appeared in that period it would be necessary to treat it as having been published in "1801—1802" and this is no doubt what the author of this section of *Opinion* 104 thought had occurred, contenting himself, however, with citing the year "1802" in which the major part of "An X" fell. Griffin has shown (1938, *J. Soc. Bibl. nat. Hist.* 1 : 157), however, that the above volume was not published until "An XI", i.e. until some time in the period "1802—1803". The date assigned to the name *Nabis* Latreille in the *Official List* should be amended accordingly.

12. "Nycteribia" Latreille, 1796: In *Opinion* 128 the date "1805" was assigned to the name, *Nycteribia pedicularia* Latreille, of the type species of this genus. This name was published in volume 14 of the *Hist. nat. gén. partic. Crust. Ins.*, the title page of which bears the date "An XIII", i.e. the period September 1804 to September 1805. The date assigned to this name on the *Official List* should be amended accordingly.

(3) Question of the date of publication of Laporte's "Essai Class. syst. Ordre Hémipt." with special reference to the question of the date to be assigned to the generic name "Triatoma" Laporte

13. The generic name *Triatoma* Laporte was placed on the *Official List* by the Ruling given in *Opinion* 104. It was published in a work entitled *Essai d'une Classification systématique de l'Ordre des*

² Although, as explained in paragraph 10 above, Fabricius did not select *Reduvius fuscipes* Fabricius in 1803 to be the type species of the genus *Reduvius* Fabricius, that species, as I am informed by Professor Tadeusz Jaczewski (Warsaw) (in litt., 16th June 1956), was so selected by Stål in 1859 (*Ofvers. Vetensk.-Akad. Forhandl.*, Stockholm 16 : 201—204). That selection was, however, invalid, for (as noted in the paragraph referred to above) it had been anticipated in 1810 by the perfectly valid action by Latreille when he selected *Cimex personatus* Linnaeus, 1758, as the type species of this genus (intl'd F.H.).

Hémiptères (Heteroptères). This was published in parts in Guérin's *Magazin de Zoologie* and was separately paged. The whole work is treated as forming part of volume 2 of the *Mag. Zool.* The question of the date (or dates) attributable to the *Essai* was examined by Harris (H.M.) in 1942 (*Pan-Pac. Ent.* 18 (4) : 161—162), who concluded that the whole work ought to be treated as having been published in 1833. This view was adopted in Paper Z.N.(S.) 996, in which the gender to be attributed to the name *Triatoma* was placed before the Commission, and led to correspondence between Professor Jaczewski and myself. The following is an extract from a letter dated 11th November 1955 in which Professor Jaczewski summed up his view in this matter as follows : " It has been shown beyond any doubt that the final portion of Laporte's *Essai* was antedated and was published not earlier than March or even April 1833. However, the work was issued in parts or sheets (successivement, feuille par feuille), which were annexed as supplements to successive fascicules of the *Magazin de Zoologie*, vol. 2, 1832. The *Essai* comprises five and a half sheets and there seems to be no reason to doubt that at least some of the earlier sheets were actually published in 1832. In other words I do not think that we should be entitled to consider the whole of the *Essai* as having been published in 1833 ". In view of the fact that, so far as is known the publication of only two of the parts (Livraisons 11 and 12) of the 1832 volume of the *Mag. Zool.* was delayed until some time in 1833 and that, as pointed out by Professor Jaczewski, the *Essai* consisted of five and a half sheets, it seems reasonable to conclude that at least the first sheet, which was the sheet which contained the name *Triatoma*, was published before the end of 1832. This is in harmony with the provision on the subject of the method to be adopted in determining the dates to be assigned to particular books inserted in the *Règles* by the Thirteenth International Congress of Zoology, Paris, 1948 (1950, *Bull. zool. Nomencl.* 4 : 223—225). Under this provision it is necessary to adopt the earliest date on which it is definitely known that any given book was published and, where it is known that a book was published between two given dates, to adopt the later of those dates. Applying this provision in the present case, we find that there is sufficient evidence to justify the conclusion that at least some portion of Laporte's *Essai* was published in 1832. Since we know that this work was issued in sheets, it may be concluded that the first sheet, comprising pages 1 to 16, was published before the end of 1832. This evidence applies, however, only to the first sheet, there being nothing to show when the second sheet was issued. Accordingly, under the provision cited above the second and later sheets must be treated as having been published in 1833, the year in which the publication of the *Essai* is known to have been completed. If, as is recommended, the Commission accepts Professor Jaczewski's view that the first sheet of the *Essai* was published in 1832 and therefore that the name *Triatoma* is to be treated as having been published in that year, it will be necessary under the General Directives issued to the Commission by the International Congress of Zoology to enter the title of Laporte's

Essai on the Official List of Works Approved as Available for Zoological Nomenclature with an endorsement that the first sheet is to be treated as having been published in 1832 and the remainder in 1833.

- (4) Problems arising from subjective synonymisations of the names of type species of genera cited when generic names of insects were placed on the "Official List" in the period up to the end of 1936 and associated matters

14. "Cephenemyia" Latreille, 1818 : This generic name was placed on the *Official List* by the Ruling given in *Opinion* 106. The type species of this genus was then cited as "trompe" in the so called "summary" (: 4), as "*Oestrus trompe* Fabr. = *O. nasalis* Linn." in the "Statement of the Case" embodied in this *Opinion* (: 7) and, later on the same page, as "*trompe* Fab., syn. of *Oestrus nasalis* Linn., 1758a". Two points call for attention in connection with these entries. First, it must be noted that Fabricius did not himself publish a new name *Oestrus trompe*, the name cited by him being the previously published name *Oestrus trompe* Modeer, 1786, *K. Vetensk-Akad. Nya Handl.* 7 : 134. This is therefore the name of the type species of the genus *Cephenemyia* Latreille. The second point to be noted is that the author of the application dealt with in *Opinion* 106 was in error in considering that the name *Oestrus trompe* "Fabricius" [*recte* Modeer, 1786], was a junior subjective synonym of *Oestrus nasalis* Linnaeus, 1758. The error so committed illustrates very well the dangers attaching to the former practice of the Commission in accepting subjective synonymisations for the names of the type species of genera when placing the generic names concerned on the *Official List*. All reference to *Oestrus nasalis* Linnaeus, 1758, in connection with the generic name *Cephenemyia* Latreille should now be deleted from the *Official List*.

15. "*Oestrus nasalis*" Linnaeus, 1758 : The name *Oestrus nasalis* Linnaeus, 1758, which, as explained in paragraph 14 above, was erroneously treated in *Opinion* 106 as the oldest available name for the taxon represented by the nominal species *Oestrus trompe* Modeer, 1786 (the reindeer bot) is in fact the oldest specific name for the horse bot and is currently placed in the genus *Gasterophilus* Leach, 1817, which was also placed on the *Official List* by the Ruling given in *Opinion* 106. The specific name *nasalis* Linnaeus, 1758 (*Syst. Nat.* (ed. 10) 1 : 584), as published in the combination *Oestrus nasalis*, should, as the valid name for an accepted species, now be placed on the *Official List of Specific Names in Zoology*.

16. "*Gasterophilus*" Leach, 1817 : The generic name *Gasterophilus* Leach, 1817, was (as noted above) placed on the *Official List* at the

same time as the generic name *Cephenemyia* Latreille. As in the case of the last-named genus, the Commission, when placing the name *Gasterophilus* Leach on the *Official List*, cited a subjective senior synonym for the type species, but on this occasion it was more successful than it had been in the case of *Cephenemyia*. The species so cited (*Oestrus intestinalis* De Geer, 1776, *Mém. Ins.* 6 : 292) is currently accepted as a senior subjective synonym of the name of the type species of this genus (*Oestrus equi* Clark, 1796, *Trans. linn. Soc. Lond.* 3 : 298, 326).

17. “*Oestrus equi*” Fabricius, 1787 : *Oestrus equi* Clark, 1796, the name of the type species of the genus *Gasterophilus* Leach, is not only a junior subjective synonym of an older name (*Oestrus intestinalis* De Geer, 1776) but is in addition objectively invalid as a junior homonym of the name *Oestrus equi* Fabricius, 1787 (*Mant. Ins.* 2 : 321). This latter name is not in use and the nominal taxon so named is at present indeterminate, for it is a composite of two well recognised species, each of which was cited by name by Fabricius when establishing his nominal species *Oestrus equi*. The nominal species concerned were : (i) *Oestrus nasalis* Linnaeus, 1758 (discussed in paragraphs 14 and 15 above, and (ii) *Oestrus haemorrhoidalis* Linnaeus, 1758 (*Syst. Nat.* (ed. 10) 1 : 584). Indeterminate names such as *Oestrus equi* Fabricius, 1787, serve no useful purpose and it is very desirable that, when such names are encountered, they should be given a determinate content by the selection of a lectotype. In the present case, it is evident from the choice of the specific name *equi* that Fabricius was attempting to give a name to the horse bot, though it is not clear why he thought a new name necessary, having regard to the fact that he cited, as a synonym of his new name *Oestrus equi*, the name *Oestrus nasalis* Linnaeus, 1758, the oldest available name for the horse bot. It would therefore be in accord with the intention of Fabricius if his name *Oestrus equi* were definitely attached to the horse bot. Accordingly from among the specimens included by Fabricius in his new nominal species *Oestrus equi* by citing the nominal species *Oestrus nasalis* Linnaeus, 1758, in synonymy, I now select the specimen described by Linnaeus in 1758 under the name *Oestrus nasalis* to be the lectotype of *Oestrus equi* Fabricius, 1787. As the result of the foregoing selection the specific name *equi* Fabricius, 1787, as published in the combination *Oestrus equi*, becomes a junior objective synonym of *nasalis* Linnaeus, 1758, as published in the combination *Oestrus nasalis*. As such, the name *equi* Fabricius, 1787, should now be placed on the *Official Index of Rejected and Invalid Specific Names in Zoology*. At the same time the specific name *haemorrhoidalis* Linnaeus, 1758, as published in the combination *Oestrus haemorrhoidalis*, as being an available name currently accepted as the oldest such name for the taxon concerned, should be placed on the *Official List of Specific Names in Zoology*.

18. “*Anthocoris*” Fallén, 1844. The problem here is essentially similar to that discussed above (paragraph 14) in connection with the name *Cephenemyia* Latreille, 1818, for the Commission adopted in the case of *Anthocoris* Fallén also the undesirable—and now obsolete—practice of citing a subjective senior synonym when recording the name of the type species; as in the former case also the names so cited are not currently regarded by specialists as synonyms of one another. The type species of *Anthocoris* Fallén is, as stated in *Opinion* 104, the nominal species *Cimex nemorum* Linnaeus, 1761. The nominal species with which it was incorrectly identified in the foregoing *Opinion*, *Cimex sylvestris* Linnaeus, 1758 (*Syst. Nat.* (ed. 10) 1 : 449), is not only now regarded by specialists as a distinct species but is in addition the type species by monotypy of the currently accepted genus *Ligyrocoris* Stål, 1872 (*Ofvers. Vetensk.-Akad. Forhandl.*, Stockholm 29 : 51). On the proposal of Professor Jaczewski, it is recommended that the generic name *Ligyrocoris* Stål, 1872, and the specific name *sylvestris* Linnaeus, 1758, as published in the combination *Cimex sylvestris* should now be placed on the respective *Official Lists* of valid names.

19. **Authorship of the generic name “*Anthocoris*”** : It should be noted that the name *Anthocoris* was published in a doctoral thesis presented to the university authorities by a pupil of Fallén named Rodhe. The problem of the authorship to be attributed to such names has arisen on a number of occasions in connection with the addition of names to the *Official List*. In each case the name concerned has been attributed to the professor and not to the pupil, it being known that in the Scandinavian universities it was the practice in the XVIIIth and early XIXth centuries for the descriptions of new species to be written by the professor by whom they were handed over to the pupil for inclusion in his thesis. The early literature of many groups abounds with cases of this kind where the new names in the theses concerned are attributed to the professor and not to the pupil, the best known example being perhaps the long collection of theses by pupils of Linnaeus later issued in a series of volumes under the title *Amoenitates Academicæ*. In the circumstances it is proposed that the name *Anthocoris*, on being entered on the *Official List*, be attributed to the professor Fallén and not to the pupil Rodhe.

20. “*Nabis*” Latreille, [1802—1803] : In addition to the question of the date to be attributed to this generic name which has been discussed in paragraph 11 above, there is a further question relating to the synonymy of the type species to which attention has been drawn by Professor Jaczewski who has suggested that the present opportunity be taken for dealing with the matter involved. The type species of this genus is (as stated in *Opinion* 104) the nominal species *Cimex*

vagans Fabricius, 1787, which (as also stated in the above *Opinion*) is currently identified with the older nominal species *Cimex ferus* Linnaeus, 1758. The point to which Professor Jaczewski has drawn attention is that formerly there were disagreements among specialists on the question whether the type species of this genus was *Cimex vagans* Fabricius, 1787, or *Reduvius guttula* Fabricius, 1787 (*Mantissa Ins.* 2 : 314). The latter species has since been made by monotypy the type species of the genus *Prostemma* Laporte (F.L.de), [1832] (*Essai Class. syst. Hémipt.* : (Sheet 1) 6, 12. The work in which the above name appeared which was issued as a separately paged supplement of volume 2 of Guerin's *Magazin de Zoologie* has been discussed in paragraph 13 in connection with the date to be attributed to the name *Triatoma* Laporte. Professor Jaczewski recommends that the ghost of the former argument regarding the synonymy of the name of the type species of *Nabis* Latreille should now be set at rest by placing the generic name *Prostemma* Laporte, [1832], and the specific name *guttula* Fabricius, 1787, as published in the combination *Reduvius guttula*, on the respective *Official Lists* of valid names.

21. Relation of "Opinion" 244 to the status of the generic name "Nabis" Latreille, [1802—1803] : While dealing with the generic name *Nabis* Latreille, [1802—1803], it should be noted that at the time when that name was placed on the *Official List* by the Ruling given in *Opinion* 104 (published in 1928) it was a possible subjective junior synonym of *Coriscus* Schrank, 1796. The problem raised by the generic name *Coriscus* Schrank was considered by the Commission in 1948 on an application submitted for the validation of the name *Alydus* Fabricius, 1803, which also had been regarded on a different interpretation as a junior subjective synonym of *Coriscus*. The Commission then decided to put a stop to discussion on this subject by suppressing the name *Coriscus* Schrank (*Opinion* 244). As Professor Jaczewski observes in his paper of October 1955 the above *Opinion* "not only provides a status of priority for the generic name *Alydus* Fabricius, 1803, but confirms as well the status of priority for the generic name *Nabis* Latreille, [1802—1803], given to it by *Opinion* 104".

22. "Cimex" Linnaeus, 1758 : In *Opinion* 81, in which the generic name *Cimex* Linnaeus, 1758, was placed on the *Official List*, three junior objective synonyms were cited, all of which should now be placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* (paragraph 24 below). In the case of one of these junior synonyms, *Clinocoris* Fallén, 1829, there is a junior homonym *Clinocoris* Hahn, 1834, which it is proposed should also be placed on the *Official Index*. This latter name, which is also the name of a genus of Hemiptera, is, Professor Jaczewski informs me, the oldest (but invalid) name for a genus which is currently treated as not even belonging to the family CIMICIDAE. The oldest available name for the genus *Clinocoris* Hahn, 1834, is *Elasmucha* Stål, 1864 (*Ann. Soc. ent.*

France (4) 4 : 54). Stål established this nominal genus for the taxon to which Fieber in 1861 (*Europ. Hemipt.* : 327) had erroneously applied the name *Sastragala* Amyot & Serville, 1843 (*Hist. nat. Ins., Hémipt.* : 155) and in which he had placed the nominal species *Cimex ferrugatus* Fabricius, 1778 (*Mantissa Ins.* 2 : 382), which therefore becomes the type species (by monotypy) of *Elasmucha* Stål, 1864. The type species of *Sastragala* Amyot & Serville, 1843, is by monotypy the quite distinct species *Cimex uniguttatus* Donovan, (1804) (*Nat. Hist. Ins. Ind.* : text to pl. [14]). Professor Jaczewski recommends that, in order to dispose of this matter, the generic name *Sastragala* Amyot & Serville, 1843, and *Elasmucha* Stål, 1864, should now be placed on the *Official List of Generic Names in Zoology* and that the specific names of the respective type species of the genera so named should be placed on the *Official List of Specific Names in Zoology*.

(5) Orthography of the generic names of insects placed on the " Official List of Generic Names in Zoology " in the period up to the end of 1936

23. The original spelling of several of the names of insects placed on the *Official List of Generic Names in Zoology* in the period up to the end of 1936 was later emended by various authors. Prominent among these cases are the names *Cephenemyia* Latreille, 1818, and *Gasterophilus* Leach, 1817. The emendations so published gained a certain vogue but in each case, when the generic name concerned was placed on the *Official List*, it was the original spelling which was adopted by the International Commission. Since that date no suggestion has been received in respect of any of these names that one of the later emendations should be adopted in place of the original spelling which in each case appears now to be the spelling in general use. It is accordingly proposed (paragraph 24 below) that the various emendations involved—all of which are, in the terminology of the Copenhagen Congress (1953, *Copenhagen Decisions zool. Nomencl.* : 44, Decision 71(2)(a)) " Invalid Emendations ", should now be placed on the *Official Index of Rejected and Invalid Generic Names in Zoology*.

(6) Proposed addition of certain objectively invalid generic and specific names to the " Official Indexes of Rejected and Invalid Names in Zoology "

24. As in the case of the reviews previously undertaken in regard to other groups of generic names placed on the *Official List of Generic Names in Zoology* in the period up to the end of 1936, the present review of the names of genera of insects placed on that *Official List* in that period has brought to light a considerable number of

objectively invalid generic and specific names which should now be placed on the appropriate *Official Index*. These names are listed in Annexe 2 to the present paper, the generic names concerned being enumerated in Section A and the specific names in Section B.

(7) **Family-group-name problems involved in connection with the generic names of insects placed on the "Official List of Generic Names in Zoology" in the period up to the end of 1936**

25. In a considerable number of cases, the genera of insects, the names of which were placed on the *Official List of Generic Names in Zoology* in the period up to the end of 1936, are the type genera of family-group taxa. As in the case of the surveys of other groups of generic names already undertaken, it is proposed to postpone to a final paper the proposals required for dealing with the family-group-name problems involved in the present survey of the generic names of insects placed on the *Official List* in the foregoing period. So far as concerns this problem in relation to the names of genera of the Order Hemiptera, full particulars have been supplied in the important communication from Professor Jaczewski, to which reference has already been made (paragraph 3 above). Investigations are proceeding on Commission File Z.N.(G.) 76 in regard to the family-group-name problems involved in the case of the names of genera belonging to other Orders of insects.

(8) **Recommendations**

26. In the light of the particulars relating to the generic names of insects, the names of which were placed on the *Official List* in the period up to the end of 1936, set out in the present paper, I recommend that, in discharge of the duties imposed by the General Directives regarding the completion of Rulings given in *Opinions* adopted in the foregoing period issued by the Thirteenth International Congress of Zoology, Paris, 1948, and of the Directives supplementary thereto issued by the Fourteenth International Congress of Zoology, Copenhagen, 1953, the International Commission on Zoological Nomenclature should :—

- (1) insert in the entry on the *Official List of Works Approved as Available for Zoological Nomenclature* relating to Westwood's *Introduction to a modern Classification of Insects* and the accompanying *Synopsis of the Genera of British Insects*, made by the Ruling given in *Direction 32*, the particulars regarding the dates of publication as determined by Griffin (1932) and, in the light of the information referred to above, to substitute the date "[November 1838]" for the date "1840" given in *Opinion 104* as the date of publication of the portion of the

Synopsis containing the selection by Westwood of *Blatta lapponica* Linnaeus, 1758, as the type species of *Ectobius* Stephens, 1835 (paragraph 6) ;

- (2) direct that the entry " type species, by selection by Kirby (W.F.), 1890 " be substituted for the entry " type species, by selection [by some unspecified author] in 1903 " in relation to the determination under Article 30 of the type species of the genus *Periplaneta* Burmeister, 1838 (paragraph 7) ;
- (3) direct that in the case of the generic name *Forficula* Linnaeus, 1758, the incorrect entry " type species, by absolute tautonymy " be deleted from the *Official List* and that in its place there be made the entry " type species, by selection by Latreille (1810) " (paragraph 8) ;
- (4) delete from the *Official List* the portion of the entry relating to *Pediculus humanus* Linnaeus, 1758, the type species of *Pediculus* Linnaeus, 1758, where it was stated that the foregoing nominal species was later restricted to the form *capitis* and insert in place thereof an entry that the above species was restricted to the form referred to by Linnaeus as living " *in vestamentis humanis* " (i.e. the form commonly known as " corporis ") by Latreille as First Reviser in [1803—1804] in volume 8 of the *Hist. nat. gén. partic. Crust. Ins.* (paragraph 9) ;
- (5) delete from the entry relating to the method by which the type species of *Reduvius* Fabricius, 1775, was determined under Article 30 of the *Règles* all reference to the alleged but non-existent selection in 1803 of *Reduvius fuscipes* Fabricius, 1787, as type species, leaving only the correct entry that the type species of this genus was *Cimex personatus* Linnaeus, 1758, that species having been so selected by Latreille in 1810 (paragraph 10) ; ..
- (6) enter on the *Official List of Generic Names in Zoology* in respect of each of the generic names specified in Annexe 1 to the present paper, in which have been incorporated the relevant recommendations set out in (1) to (5) above, the particulars given in the said Annexe as to the manner in which the type species of the genera concerned were determined under Article 30 of the *Règles* (paragraph 5) ;
- (7) substitute on the *Official List* the date " [1802—1803] " for the date " 1802 " as the date of publication of the generic name *Nabis* Latreille (paragraph 11) ;

- (8) substitute on the *Official List* the date “ [1804—1805] ” for the date “ 1805 ” as the date of publication of the name *Nycteribia pedicularia* Latreille, the name of the type species of *Nycteribia* Latreille, 1796 (paragraph 12) ;
- (9) direct :—
- (a) that the first sheet (comprising pp. 1—16) of the work by Laporte (F.L.de) entitled *Essai d'une Classification systématique de l'Ordre des Hémiptères (Heteroptères)* be treated as having been published in the year [1832] and that, in default of information to the contrary, the remainder in [1833] ;
- (b) that the title of the above work, endorsed as in (a) above be entered on the *Official List of Works Approved as Available for Zoological Nomenclature* ;
- (c) that in the light of (a) above the date “ [1832] ” be assigned in the *Official List* to the generic name *Triatoma* Laporte (paragraph 13) ;
- (10) delete from the *Official List* the statement that the type species of the genus *Cephenemyia* Latreille, 1818, is “ *trompe* Fab.”, i.e. the name *Oestrus trompe* as used by Fabricius in 1794 and to insert in its place the entry that the name of the type species of this genus is *Oestrus trompe* Modeer, 1786 (paragraph 14) ;
- (11) delete from the *Official List* the unnecessary and incorrect subjective synonymisation of *Oestrus nasalis* Linnaeus, 1758, with the name of the type species of *Cephenemyia* Latreille, 1818 (paragraph 14) ;
- (12) place the specific name *nasalis* Linnaeus, 1758, as published in the combination *Oestrus nasalis* [the oldest available name for the horse bot] on the *Official List of Specific Names in Zoology* (paragraph 15) ;
- (13) delete from the *Official List* the unnecessary subjective synonymisation of *Oestrus intestinalis* De Geer, 1776, with the name of the type species of *Gasterophilus* Leach, 1817 (paragraph 16) ;
- (14) place the specific name *haemorrhoidalis* Linnaeus, 1758, as published in the combination *Oestrus haemorrhoidalis* on the *Official List of Specific Names in Zoology* (paragraph 17) ;

- (15) delete all reference to the nominal species *Cimex sylvestris* Linnaeus, 1758, from the entry on the *Official List of Generic Names in Zoology* relating to the generic name *Anthocoris* Fallén, 1814 (paragraph 18) ;
- (16) place the under-mentioned generic name on the *Official List of Generic Names in Zoology* : *Ligyrocoris* Stål, 1872 (gender : masculine) (type species, by monotypy : *Cimex sylvestris* Linnaeus, 1758) (Order Hemiptera) (paragraph 18) ;
- (17) place the under-mentioned specific name on the *Official List of Specific Names in Zoology* : *sylvestris* Linnaeus, 1758, as published in the combination *Cimex sylvestris* (specific name of type species of *Ligyrocoris* Stål, 1872 (Order Hemiptera) (paragraph 18) ;
- (18) direct that the generic name *Anthocoris* (referred to in (15) above) be attributed to Fallén and not to his pupil Rodhe (paragraph 19) ;
- (19) place the under-mentioned generic name on the *Official List of Generic Names in Zoology* : *Prostemma* Laporte (F.L.de), [1832] (gender : neuter) (type species, by monotypy : *Reduvius guttula* Fabricius, 1787) (Order Hemiptera) (paragraph 20) ;
- (20) place the under-mentioned specific name on the *Official List of Specific Names in Zoology* : *guttula* Fabricius, 1787, as published in the combination *Reduvius guttula* (specific name of type species of *Prostemma* Laporte, [1832]) (Order Hemiptera) (paragraph 20) ;
- (21) place the under-mentioned names of genera of the Order Hemiptera on the *Official List of Generic Names in Zoology* :—
 - (a) *Sastragala* Amyot & Serville, 1843 (gender : feminine) (type species, by monotypy : *Cimex uniguttatus* Donovan, (1804)) ;
 - (b) *Elasmucha* Stål, 1864 (gender : feminine) (type species, by monotypy : *Cimex ferrugatus* Fabricius, 1878) (paragraph (22) ;
- (22) place the under-mentioned specific names of species of the Order Hemiptera on the *Official List of Specific Names in Zoology* :—
 - (a) *uniguttatus* Donovan, (1804), as published in the combination *Cimex uniguttatus* (specific name of type species of *Sastragala* Amyot & Serville, 1843) ;

- (b) *ferrugatus* Fabricius, 1787, as published in the combination *Cimex ferrugatus* (specific name of type species of *Elasmucha* Stål, 1864) (paragraph 22) ;
- (23) place on the *Official Index of Rejected and Invalid Generic Names in Zoology* the objectively invalid generic names enumerated in Section A of Annexe 2 to the present paper (paragraph 24) ;
- (24) place on the *Official Index of Rejected and Invalid Specific Names in Zoology* the objectively invalid specific names enumerated in Section B of Annexe 2 to the present paper (paragraph 24).

ANNEXE 1

Proposals for the amplification and correction of entries made in the "Official List of Generic Names in Zoology" regarding the method by which the type species of certain genera of insects were determined under Article 30 of the "Règles"

<i>Name of Genus</i>	<i>Entry relating to the determination of the type species now proposed to be inserted in the "Official List of Generic Names in Zoology"</i>
<i>Lepisma</i> Linnaeus, 1758	by subsequent selection by Latreille, 1810, <i>Consid. gén. Anim. Crust. Arach. Ins.</i> : 423, 113
<i>Blatta</i> Linnaeus, 1758	by subsequent selection by Latreille, 1810, <i>Consid. gén. Anim. Crust. Arach. Ins.</i> : 433, 246
<i>Ectobius</i> Stephens, 1835	by subsequent selection by Westwood, [1838], <i>Introd. mod. Class. Ins.</i> 2, Syn. gen. Brit. Ins. : 44
<i>Gryllus</i> Linnaeus, 1758	by subsequent selection by Latreille, 1810, <i>Consid. gén. Anim. Crust. Arach. Ins.</i> : 433, 248
<i>Periplaneta</i> Burmeister, 1833	by subsequent selection by Kirby (W.F.), 1890, <i>Proc. roy. Soc. Dublin</i> (n.s.) 6 : 562
<i>Pulex</i> Linnaeus, 1768	by subsequent selection by Latreille, 1810, <i>Consid. gén. Anim. Crust. Arach. Ins.</i> : 444, 409

<i>Name of Genus</i>	<i>Entry relating to the determination of the type species now proposed to be inserted in the "Official List of Generic Names in Zoology"</i>
<i>Pediculus</i> Linnaeus, 1758	by subsequent selection by Latreille, 1810, <i>Consid. gén. Anim. Crust. Arach. Ins.</i> : 423, 114
<i>Forficula</i> Linnaeus, 1758	by subsequent selection by Latreille, 1810, <i>Consid. gén. Anim. Crust. Arach. Ins.</i> : 433, 246
<i>Anthocoris</i> Fallén, 1814	by subsequent selection by Westwood, 1840, <i>Introd. mod. Class. Ins.</i> 2, Syn. Gen. Brit. Ins. : 122
<i>Nabis</i> Latreille, [1802—1803]	by subsequent selection by Westwood, 1840, <i>Introd. Mod. Class. Ins.</i> 2, Syn. Gen. Brit. Ins. : 120
<i>Notonecta</i> Linnaeus, 1758	by subsequent selection by Latreille, 1810, <i>Consid. gén. Anim. Crust. Arach. Ins.</i> : 434, 261
<i>Reduvius</i> Fabricius, 1775	by subsequent selection by Latreille, 1810, <i>Consid. gén. Anim. Crust. Arach. Ins.</i> : 433, 256.

ANNEXE 2

Proposed addition of certain objectively invalid generic and specific names to the "Official Indexes of Rejected and Invalid Names in Zoology"

Section A : Proposed addition of twenty-five generic names to the "Official Index of Rejected and Invalid Generic Names in Zoology"

- Acanthia* Fabricius, 1775, *Syst. Ent.* : 693 (a junior objective synonym of *Cimex* Linnaeus, 1758, placed on the *Official List* in *Opinion* 81)
- Cephalemyia* Latreille, 1818, *Nouv. Dict. Hist. nat.* 23 : 273 (a junior objective synonym of *Oestrus* Linnaeus, 1758, placed on the *Official List* in *Opinion* 106)
- Cephalemya* Rondani, 1856, *Dipt. Ital. Prodr.* 1 : 43 (an Erroneous Subsequent Spelling for *Cephalemyia* Latreille, 1818)
- Cephalomyia* Agassiz, 1846, *Nomencl. zool. Index Univ.* : 71 (an Invalid Emendation of *Cephalemyia* Latreille, 1818)
- Cephenemya* Robineau-Desvoidy, 1830, *Mém. prés. Acad. France* 2 : 26 (an Erroneous Subsequent Spelling for *Cephenemyia* Latreille, 1818, placed on the *Official List* in *Opinion* 106)

- Cephenomyia* Agassiz, 1846, *Nomencl. zool. Index Univ.* : 72 (an Invalid Emendation of *Cephenemyia* Latreille, 1818)
- Clinocoris* Fallén, 1829, *Hemipt. svec.* 1 : 141 (a junior objective synonym of *Cimex* Linnaeus, 1758, placed on the *Official List* in *Opinion* 81)
- Clinocoris* Hahn, 1834, *Wanzenart. Ins.* 2(3) : 70 (a junior homonym of *Clinocoris* Fallén, 1829)
- Clinophilus* Blanford, 1903, *Nature* 69 : 200 (an Invalid Emendation of *Klinophilos* Kirkaldy, 1899)
- Conochinus* Dohrn, 1859, *Cat. Hemipt.* : 48 (an Erroneous Subsequent Spelling for *Conorhinus* Laporte, [1833])
- Conorchinus* Spinola, 1852, *Mem. Soc. Modena* 25 : 86 (an Erroneous Subsequent Spelling for *Conorhinus* Laporte, [1833])
- Conorhinus* Laporte, [1833], *Essai Syst. Class. Hémipt.* : 78 (a *nom. nov. pro Triatoma* Laporte, [1832], placed on the *Official List* in *Opinion* 104)
- Conorrhinus* Jeannel, 1919, in Alluaud & Jeannel, *Voy. Afr. Orient., Ins. Hemipt.* 3 : 176, 177 (an Erroneous Subsequent Spelling for *Conorhinus* Laporte, [1833])
- Gastrophilus* Agassiz, 1846, *Nomencl. zool. Index Univ.* : 160 (an Invalid Emendation of *Gasterophilus* Leach, 1817 placed on the *Official List* in *Opinion* 106)
- Hylophila* Kirby & Spence, 1828, *Introd. Entom.* (ed. 5) 1 : 107 (a junior objective synonym of *Anthocoris* Fallén, 1814, placed on the *Official List* in *Opinion* 104)
- Hypoderma* Geoffroy, 1828, *Dict. class. Hist. nat.* 14 : 707 (a junior homonym of *Hypoderma* Latreille, 1818, placed on the *Official List* in *Opinion* 106)
- Klinophilos* Kirkaldy, 1899, *Entomologist* 32 : 219 (a junior objective synonym of *Cimex* Linnaeus, 1758, placed on the *Official List* in *Opinion* 81)
- Lepisina* Radermacher, 1779, *Verh. Batav. Genoot.* 1 : 104 (an Erroneous Subsequent Spelling for *Lepisma* Linnaeus, 1758, placed on the *Official List* in *Opinion* 104)
- Metastemma* Amyot & Serville, 1843, *Hist. nat. Ins., Hémipt.* : 327 (an Invalid Emendation of *Prostemma* Laporte, [1832])
- Notonecia* Fabricius, 1798, *Suppl. Ent. Syst.* : 524 (an Erroneous Subsequent Spelling for *Notonecta* Linnaeus, 1758, placed on the *Official List* in *Opinion* 104)

Oedemagenus Berthold, 1827, in Latreille, *Nat. Fam. Thierr.* : 507 (an Invalid Emendation of *Oedemagena* Latreille, 1818, placed on the *Official List* in *Opinion* 106)

Phthirus Burmeister, 1835, *Handb. Ent.* 2(1) : 58 (an Invalid Emendation of *Pthirus* [Leach], [1815], placed on the *Official List* in *Opinion* 104)

Phthirus Leach, 1817, *Zool. Miscell.* 3 : 64 (an Invalid Emendation of *Pthirus* [Leach], [1815], placed on the *Official List* in *Opinion* 104)

Phyllocoris Costa, 1847, *Atti R. Ist. Incoragg. Napoli* 7 : 261 (a junior objective synonym of *Anthocoris* Fallén, 1814, placed on the *Official List* in *Opinion* 104)

Postemma Dufour, 1834, *Ann. Soc. Ent. France* 3 : 350 (an Invalid Emendation of *Prostemma* Laporte, [1832]).

**Section B : Proposed addition of six specific names to the
“ Official Index of Rejected and Invalid Specific Names
in Zoology ”**

equi Clark, 1797 (*Trans. Linn. Soc. Lond.* 3 : 298, 326) as published in the combination *Oestrus equi* (a junior primary homonym of *equi* Fabricius, 1787, as published in the combination *Oestrus equi*)

equi Fabricius, 1787 (*Mantissa Ins.* 2 : 321), as published in the combination *Oestrus equi*, as defined by the lectotype selection made in paragraph 17 of the present application³ (a junior objective synonym of *nasalis* Linnaeus, 1758, as published in the combination *Oestrus nasalis*)

erythrozonias Gmelin, [1790] (in Linnaeus, *Syst. Nat.* (ed. 13) 1(4) : 2181) as published in the combination *Cimex erythrozonias* (a *nom. nov. pro rubrofasciatus* De Geer, 1773, as published in the combination *Cimex rubrofasciatus*)

ferrugator Fabricius, 1794 (*Ent. Syst.* 4 : 101) as published in the combination *Cimex ferrugator* (an Invalid emendation of *ferrugatus* Fabricius, 1787, as published in the combination *Cimex ferrugatus*)

³ See page 42 of the present *Direction*.

inguinalis [Leach], [1815] (*Edinb. Ency.* 9 : 77) as published in the combination *Pthirus inguinalis* (a junior objective synonym of *pubis* Linnaeus, 1758, as published in the combination *Pediculus pubis*)

rufofasciata Van Duzee, 1917 (*Cat. Hemipt. Amer. N. of Mexico ; Univ. Calif. Publ., Entom.* 2 : 248, 893) as published in the combination *Triatoma rufofasciata* (an Erroneous Subsequent Spelling of *rubrofasciatus* De Geer, 1773, as published in the combination *Cimex rubrofasciatus*).

2. Registration of the present application : Upon the receipt of Mr. Hemming's paper the question of completing and correcting in the manner proposed the entries relating to the names of genera of the Class Insecta made on the *Official List of Generic Names in Zoology* in the period up to the end of 1936 was allotted the Registered Number Z.N.(S.) 1017.

II. THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

3. Issue of Voting Paper V.P.(O.M.)(56)11 : On 31st May 1956 a Voting Paper (V.P.(O.M.)(56)11) was issued in which each Member of the Commission was asked (1) to state whether he agreed "that, in accordance with the General Directives issued to the International Commission on Zoological Nomenclature by the Thirteenth International Congress of Zoology, Paris, 1948, regarding the placing on the appropriate *Official Lists* and *Official Indexes* of names dealt with in, or otherwise involved in, *Opinions* rendered prior to the end of 1936, and other matters on which action is required in order to complete, to clarify, or to correct Rulings given in *Opinions* rendered in the foregoing period, the action recommended in paragraph 26 of the paper numbered Z.N.(S.) 1017, regarding names in the Class Insecta submitted by the Secretary simultaneously with the present Voting

Paper [i.e. in the paragraph numbered as above in the paper reproduced in the first paragraph of the present *Direction*] be now taken as there recommended ” and (2), if he did not so agree as regards any given item, to indicate that item.

4. The Prescribed Voting Period : As the foregoing Voting Paper was issued under the One-Month Rule, the Prescribed Voting Period closed on 1st July 1956.

5. Particulars of the Voting on Voting Paper V.P.(O.M.)(56)11 : At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(O.M.)(56)11 was as follows :—

(a) *Affirmative Votes had been given by the following twenty-four (24) Commissioners (arranged in the order in which Votes were received) :*

Bodenheimer ; Kühnelt ; Lemche ; Sylvester-Bradley ; Mayr ; Holthuis⁴ ; Dymond ; Hering ; Boschma⁴ ; Prantl ; Stoll ; Key ; Vokes ; Esaki ; Bradley (J.C.) ; Cabrera ; Hemming ; Riley ; Mertens ; Jaczewski ; Bonnet ; Hankó ; Tortonese ; do Amaral ;

(b) *Negative Votes :*

None ;

⁴ The affirmative vote given by these Commissioners was subject to the qualification, as regards the authorship to be attributed to the generic name *Anthocoris*, that further consideration should be given to the question of the authorship attributable to zoological names included in doctoral theses published in the XVIIIth and early XIXth centuries, in cases where there was a reasonable doubt as to whether the name should be attributed to the supplicant for a doctorate or to the Professor under whom the supplicant had studied and the names of both persons appeared on the thesis. This matter is now the subject of special study on Commission File Z.N.(S.) 1139.

(c) *Voting Papers not returned, one (1) :*

Miller.

6. Declaration of Result of Vote : On 2nd July 1956, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P. (O.M.)(56)11, signed a Certificate that the Votes cast were as set out in paragraph 5 above and declaring that the proposal submitted in the foregoing Voting had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

7. Addition of two further names to the “ Official Index of Rejected and Invalid Generic Names in Zoology ” : On 11th February 1957 Mr. Hemming, as Secretary, executed the following Minute directing the addition to the *Official Index of Rejected and Invalid Generic Names in Zoology* of two objectively invalid names directly involved in the present case, the existence of which had been brought to light by Professor Tadeusz Jaczewski during the Prescribed Voting Period for Voting Paper V.P.(O.M.) (56) 11 :—

Addition of two further names to the “ Official Index of Rejected and Invalid Generic Names in Zoology ”

By FRANCIS HEMMING, C.M.G., C.B.E.

(*Secretary to the International Commission on Zoological Nomenclature*)

On 27th June 1956 I received a letter, with enclosure, dated 16th June 1956, from Professor Tadeusz Jaczewski (*Polish Academy of Sciences, Institute of Zoology, Warsaw*), (a) drawing attention to two objectively invalid generic names directly involved in the proposals which had been placed before the International Commission with Voting Paper V.P.(O.M.)(56)11 which he recommended should be placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* and (b) raising certain problems in connection with the

de facto establishment of new nominal taxa of the generic-name category in cases where an author by making an incorrect selection of a type species for a previously established nominal genus himself establishes—though with an invalid homonymous name—a taxon of the generic rank for the species erroneously so selected.

2. The objectively invalid generic names brought to notice by Professor Jaczewski are the following :—

(a) *Ryparocoris* Schummel,⁵ [1827], in Gravenhorst (J.L.C.), *Allgemeiner Bericht der entomologischen Section, Uebersicht der Arb. und Veränd. der schles. Ges. für vaterländ. Cultur*, Breslau 1826 : 22 (type species, by monotypy : *Reduvius personatus* Linnaeus, 1758) (an unnecessary new name for, and a junior objective synonym of, *Reduvius* Fabricius, 1775) ;

(b) *Prostremma* Kiritshenko, [1909], *Rev. russ. Ent.* 8 : 238 (in a paper entitled “ K faune Hemiptera-Heteroptera Kryma, I ”) (an Erroneous Subsequent Spelling for *Prostemma* Laporte, [1832]).

3. In the light of the communication received from Professor Jaczewski, as Secretary I hereby direct as follows, namely :—

(1) that the two generic names specified in paragraph 2 above, being objectively invalid names directly involved in the case submitted to the International Commission with Voting Paper V.P.(O.M.)(56)11, be placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* and that provision to this effect be made in the Ruling to be prepared for the *Direction* to be rendered for the purpose of giving effect to the decision taken by the Commission on the foregoing Voting Paper ;

(2) that the general question relating to homonymous generic names which arise irregularly when authors make incorrect selections

⁵ Having regard to the fact that in Neave's *Nomencl. zool.*, the generic name *Ryparocoris* is attributed (as from the same paper) to Schilling and not to Schummel, the author cited in Professor Jaczewski's letter, I asked Professor Jaczewski if he could throw any light on this matter. In a letter dated 21st February 1957 he kindly informed me as follows' “ Both Schummel and Schilling contributed on the same page (: 32) particular paragraphs in J. C. L. Gravenhorst's Report “Allgememeiner Bericht der Entomologischen Section, Uebersicht der Arbeiten und Veränderungen der schlesischen Gesellschaft für vaterländische Cultur”, Breslau, 1826—1827. The paragraph in which the name *Ryparocoris* was published was by Schummel ” (intl'd F.H., 6th March 1957).

of type species for previously established nominal genera be remitted for further study.⁶

8. Preparation of the Ruling given in the present "Direction": On 12th February 1957 Mr. Hemming prepared the Ruling given in the present *Direction* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(O.M.)(56)11, subject to the minor adjustment specified in the Minute executed by the Secretary on 11th February 1957, the text of which has been reproduced in paragraph 7 of the present *Direction*.

9. Original References : The following are the original references for the names placed on *Official Lists* by the Ruling given in the present *Direction* :—

Elasmucha Stål, 1864, *Ann. Soc. ent. France* (4) 4 : 54

ferrugatus, *Cimex*, Fabricius, 1787, *Mantissa Ins.* 2 : 232

guttula, *Reduvius*, Fabricius, 1787, *Mantissa Ins.* 2 : 314

haemorrhoidalis, *Oestrus*, Linnaeus, 1758, *Syst. Nat.* (ed. 10) 1 : 584

Ligyrocaris Stål, 1872, *Ofvers. Vetensk.-Akad. Forhandl.*, Stockholm 29 : 51

nasalis, *Oestrus*, Linnaeus, 1758, *Syst. Nat.* (ed. 10) 1 : 584

Prostemma Laporte (F.L.de), [1832], *Essai Class. syst. Hémipt.*: (Sheet 1) 6, 12

Sastragala Amyot & Serville, 1843, *Hist. nat. Ins.*, Hémipt. : 155

sylvestris, *Cimex*, Linnaeus, 1758, *Syst. Nat.* (ed. 10) 1 : 449

uniguttatus, *Cimex*, Donovan, (1804), *Nat. Hist. Ins. Ind.* : text to pl. [14]

⁶ A File bearing the Registered Number Z.N.(G.) 139 has been opened for the conduct of the further study here prescribed.

10. The original references for the generic names placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* by the Ruling given in the present *Direction* are as set out in Section A of Annexe 2 to the application reproduced in the first paragraph of the present *Direction*, save as regards the two generic names specified below, which were not included in the foregoing Annexe, the original references for which are as follows :—

Prostemma Kiritshenko, [1909], *Rev. russ. Ent.* 8 : 238

Ryparocoris Schummel, [1827], *Uebers u. Veränd. schles. Ges. f. vaterländ. Cultur*, Breslau 1826 : 22

11. The original references for the specific names placed on the *Official Index of Rejected and Invalid Specific Names in Zoology* are as set out in Section B of Annexe 2 of the application reproduced in the first paragraph of the present *Direction*.

12. The following is the original reference for the lectotype selection for a nominal species specified in the Ruling given in the present *Direction* :—

For *Oestrus equi* Fabricius, 1787 : Hemming, 1957, *Ops. Decls. int. Comm. zool. Nomencl.* 1(E) : 42 [i.e. page 42 of the present *Direction*]

13. **Family-Group-Name Aspects :** The family-group-name implications in connection with the generic names dealt with in the present *Direction* have been reserved for further study, with a view to the submission to the Commission of comprehensive proposals relating to this aspect of the entries made on the *Official List of Generic Names in Zoology* in the period up to the end of 1936.

14. The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Direction* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary

to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

15. The present *Direction* shall be known as *Direction Sixty-Three (63)* of the International Commission on Zoological Nomenclature.

DONE in London, this Twelfth day of February, Nineteen Hundred and Fifty-Seven.

*Secretary to the International Commission
on Zoological Nomenclature*

FRANCIS HEMMING